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Docket No.: 1315-045

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Inventors: Dae-Kyu PARK et al.

Confirmation No.1911

U.S. Patent Application No. 10/657,092

Group Art Unit: 1725

Filed: September 9, 2003

Examiner: Lynne Renee EDMONDSON

For:

FRICTION STIR WELDING APPARATUS OF PISTON FOR SWASH PLATE TYPE

COMPRESSOR WITH VARIABLE CAPACITY

## **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449.

EP 1,046,453 corresponds to US 2001-040179 which the Examiner noted in the 892 attached to the December 6, 2004, Office Action. JP 11-156560 was cited by the applicant in the Information Disclosure Statement filed September 8, 2003; therefore, we are not submitting a copy of the Japanese reference.

This Information Disclosure Statement is being filed under Rule 37 CFR 1.97(i), wherein applicants are submitting references before the grant of a patent to be placed in the file but not considered by the Patent Office. Accordingly, copies of the references as listed on the attached Form PTO-1449 are submitted herewith for placement in the file. No certification or fees are deemed necessary.

Respectfully submitted,

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Date: July 12, 2005

INFORMATION DISCLOSURE  OF E CITATION IN AN  APPLICATION  JUL 1 2 2005 & PATENT DO  OF THE PROPERTY OF THE PRO				ATTY. DOCKET NO. 1315-045		U.S. PATENT APPLICATION NO. 10/657,092		
				APPLICANT  Dae-Kyu PARK et al.				
				FILING DATE September 9, 2003		GROUP 1725		
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		FOREIGN	PATENT	DOCUMENTS		1.73		
EXAMINER'S INITIALS	PATENT NO.	DATE	C	COUNTRY		SUBCLASS	Translation Yes No	
	1 046 453 A	25OCT2000	E	UROPE				
	11-156560 A	15JUN1999	JAPAN					
	2000-042759 A (with abstract)	15FEB2000	•	JAPAN				
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.